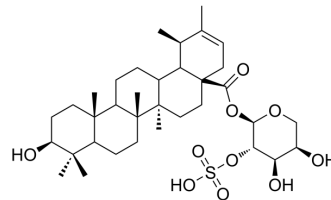


## CDK2/Bcl2-IN-1

Cat. No.:	HY-149436
Molecular Formula:	C <sub>35</sub> H <sub>56</sub> O <sub>10</sub> S
Molecular Weight:	668.88
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	CDK2/Bcl2-IN-1 (compound 1), a saponin and a CDK-2 inhibitor (IC <sub>50</sub> =117.6 nM) with promising cytotoxicity against cancer cells. CDK2/Bcl2-IN-1 also inhibits Bcl-2, and induces apoptosis in A549 lung cancer cells <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC50: 117.6 nM (CDK2) <sup>[1]</sup>

### REFERENCES

[1]. Eltamany EE, et al. A New Saponin (Zygo-albuside D) from *Zygophyllum album* Roots Triggers Apoptosis in Non-Small Cell Lung Carcinoma (A549 Cells) through CDK-2 Inhibition. ACS Omega. 2023 Aug 8;8(33):30630-30639.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA